

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/050491

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04L29/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/062290 A1 (RICCI CHRIS) 23 May 2002 (2002-05-23) abstract paragraphs '0021! - '0028!, '0038!, '0040!, '0049! - '0053!, '0057! - '0066! claims 2,3,6 figure 1	1-13
A	US 2003/002521 A1 (ABDELAZIZ MOHAMED M ET AL) 2 January 2003 (2003-01-02) abstract paragraphs '0014!, '0015!, '0020!, '0022!, '0069!, '0070!, '0074!, '0075!, '0079!, '0081!, '0086! - '0088!; figures 1B,4 ----- -/--	1-13

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the International search

13 October 2004

Date of mailing of the International search report

22/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 6818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3018

Authorized officer

Goya, J

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/050491

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 220 173 A (THOMSON MULTIMEDIA SA) 3 July 2002 (2002-07-03) abstract paragraphs '0007!, '0008!, '0015!, '0016!, '0022!, '0023!, '0035!, '0039!, '0044!, '0058!, '0060!; figure 1	1-13
A	WO 01/93064 A (GOLDE ITTAI ; EYAL ORI (IL); RAINES MOSHE (IL); REGEV AMIT (IL); REGEV) 6 December 2001 (2001-12-06) abstract pages 3-5	1-13

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/050491

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002062290 A1	23-05-2002	CA 2363354 A1	22-05-2002
US 2003002521 A1	02-01-2003	EP 1229442 A2	07-08-2002
		EP 1229443 A2	07-08-2002
		WO 02057917 A2	25-07-2002
		US 2002143944 A1	03-10-2002
		US 2002143855 A1	03-10-2002
		US 2002184310 A1	05-12-2002
		US 2002184357 A1	05-12-2002
		US 2002184311 A1	05-12-2002
		US 2002152299 A1	17-10-2002
		US 2002184358 A1	05-12-2002
		US 2002188657 A1	12-12-2002
		US 2002147810 A1	10-10-2002
		US 2002147771 A1	10-10-2002
		US 2002156893 A1	24-10-2002
		US 2003041141 A1	27-02-2003
		EP 1282289 A2	05-02-2003
		US 2003028585 A1	06-02-2003
		US 2003070070 A1	10-04-2003
		US 2003055894 A1	20-03-2003
		US 2003055898 A1	20-03-2003
EP 1220173 A	03-07-2002	EP 1220173 A1	03-07-2002
		WO 02054196 A2	11-07-2002
		EP 1348151 A2	01-10-2003
		JP 2004517411 T	10-06-2004
		US 2004093273 A1	13-05-2004
WO 0193064 A	06-12-2001	AU 6419401 A	11-12-2001
		WO 0193064 A1	06-12-2001